

Useful Links & Tools

MSDS

Certificate of Analysis

Enter Lot No.

FT-IR KBr Pellets

FT-IR Condensed Phase

Bulk Quota

Similar Products

Related Categories

- [Aliphatic > P > POLS - POLY](#)
- [Chromatography > Polymer Standards > Polymer CRMs \(BAM certified\)](#)
- [Certified Reference Materials \(CRMs\) > Application CRMs > Polymer Standards](#)



[Last 5 Products Viewed](#)
 • 44101 (Fluka)

44101 Polyethylene oxide Standard 10'000
 Fluka certified reference material (BAM)

Price and Availability

Product Number	Your Price	Available to Ship	Quantity	Actions
44101-100MG-F	EUR 152.90	Date not Available	<input type="text"/>	Details...

Synonym: PEG
 CAS Number: 25322-88-3
 Linear Formula: $\text{H}(\text{OCH}_2\text{CH}_2)_n\text{OH}$
 MDL number: MFCD00081839
 PubChem Substance ID: 248678367

[Specifications](#) | [Related Products](#) | [References](#) | [Reviews](#)

Description

Analytic Note: Exact molecular weight Mw, expiry date and detailed information certification can be found on the certificate and certification report, included in each package.

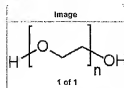
Properties

grade: certified reference material (BAM)
 vapor density: >1 (vs air)
 vapor pressure: <0.01 mmHg (20 °C)
 autoignition temp. 581 °F
 shelf life: (limited shelf life, expiry date on the label)
 storage temp. 2-8°C

Safety

WGK Germany 1
 RTECS: TQ350000
 Flash Point(F): 444.2 °F
 Flash Point(C): 229 °C

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Useful Links & Tools

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Related Categories

- [Polymer Science > Poly \(ethylene glycol\) and Poly \(ethylene oxide\) > Poly\(ethylene oxide\)](#)

Last 5 Products Viewed

- 181986 (Aldrich)
- 44101 (Fluka)

181986 Poly(ethylene oxide)
Aldrich
average M_n ~100,000, powder

Price and Availability

Product Number	Your Price EUR	Available to Ship	Quantity	Actions
181986-5G	21.50	03.06.2009 details...	<input type="text"/>	<input type="button" value="Add"/>
181986-250G	91.50	03.06.2009 details...	<input type="text"/>	<input type="button" value="Add"/>
181986-500G	152.00	03.06.2009 details...	<input type="text"/>	<input type="button" value="Add"/>

Synonyms: PEO
CAS Number: 25322-68-3
Linear Formula: $(-CH_2CH_2O-)_n$
MDL number: MFCD00081939
PubChem Substance ID: 248505686P

[Specifications](#) | [Related Products](#) | [References](#) | [Reviews](#)

Description

Frequently Asked Questions Live Chat and Frequently Asked Questions[®] are available for this Product.

Application: Used in conjunction with carbon black to form a conductive composite.¹
Packaging: 250, 500 g in poly/bi
 5 g in glass bi

Properties

form: powder
mol wt: average M_n ~100,000
contains: 200-500 ppm BHT as inhibitor
refractive index n_D^{20} : 1.4539
viscosity: 12-50 cP, 5 % in H_2O (25 °C, Brookfield)(KL)
transition temp T_g : -67 °C
 T_m 65 °C
density: 1.13 g/mL at 25 °C

Safety

WOK Germany 1

SIGMA-ALDRICH®